

H.A

<b>Notice of Allowability</b>	Application No.	Applicant(s)
	09/889,784	STRIDSBERG, LENNART
	Examiner Heba Elkassabgi	Art Unit 2834

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to 12/17/04.
2.  The allowed claim(s) is/are 26-34 and 36-122.
3.  The drawings filed on 20 July 2001 are accepted by the Examiner.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All b)  Some\* c)  None of the:
    1.  Certified copies of the priority documents have been received.
    2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

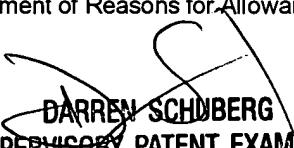
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application (PTO-152)
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.

  
**DARREN SCHUBERG**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2800**

## **DETAILED ACTION**

### ***Information Disclosure Statement***

The information disclosure statement (IDS) submitted on 01/18/2002 is in compliance with the provisions of 37 CFR 1.97. and was sent out with the office action of 10/03/02.

### ***Claim Rejections - 35 USC § 112***

The 35 USC § 112, first paragraph rejection of claims 26-55 is withdrawn in light of applicant's amendment of claim #26.

### ***Allowable Subject Matter***

Claims 26-34 and 36-122 are allowed.

The following is an examiner's statement of reasons for allowance:

Independent claim 26 is allowed over the prior which does not disclose a stator having at least three pole teeth with at least one winding applied around a central one of at least three pole teeth and at least three pole teeth having end surfaces forming the facing surfaces of the stator and facing surfaces of at least one permanent magnet over the air gap. In which the magnet poles of at least one permanent magnet of the rotor and at least three pole teeth all have the same angular pitch, and wherein the rotor has a peak to peak movement that is substantially less than 360 degrees about the axis.

Independent claim 56 is allowed over the prior art as previously indicated in the reasons of allowance in office action of 09/24/03 and 06/17/04.

Independent claim 70 is allowed over the prior art as previously indicated in office action of 09/24/03 and 06/17/04.

Independent claim 77 is allowed over the prior art which does not disclose a stator having exactly five pole teeth with at least one winding applied around a central one of the exactly five pole teeth, the exactly five pole teeth having end surfaces forming the facing surfaces of the stator and thus facing surfaces of at least one permanent magnet over the air gap and exactly five pole teeth that are arranged within an angle and taken from the axis of about half a full turn.

Independent claim 84 is allowed over the prior art as previously indicated on the office actions of 09/24/03 and 06/17/04.

Independent claim 88 is allowed over the prior art which does not disclose a stator having at least three pole teeth of at least three pole teeth having end surfaces forming the facing surfaces of the stator and facing surfaces of at least one permanent magnet over the air gap, in which at least one winding is applied as individual coils around a central one of at least three pole teeth; and all the coils of at least one winding is connected to receive the same electrical phase.

Independent claim 115 is allowed over the prior art as previously indicated in the office action of 06/17/04.

Independent claim 119 is allowed over the prior art as previously disclosed in the office action of 09/24/03 and 06/17/04.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should

preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Heba Elkassabgi whose telephone number is 571-272-2023. The examiner can normally be reached on Weekdays, 9:00 am to 7:00pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren Schuberg can be reached on 571-272-2044. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Heba Elkassabgi

  
United States Patent and Trademark Office  
Patent Examiner AU 2834  
Class 310- Electrical Generator/Motor Structure  
Class 290- Prime Mover Dynamo Plants

  
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